"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEKAS, S.Yu., inzh.

Engineering and economic comparisons of the start regulating equipment of fluorescent lamps. Svetotekhnika 8 no.10:16-20 O '62. (MIRA 15:9)

1. Moskovskiy energeticheskiy institut.
(Fluorescent lamps)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEKENE, K.S., insh.; MASEKAS, S.Yu., insh.

Concerning the automation of laboratory studies of fluorescent lamps. Svetotekhnika 9 no.6:23-28 Je '63. (MIRA 16:6)

1. Kaunasskiy politekhnicheskiy institut i Moskovskiy energeticheskiy institut.
(Fluorescent lamps)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEKAS, S.Yu., inzh.

Accelerated qualitative evaluation of the life of start regulating apparatus of fluorescent lamps. Svetotekhnika 9 no.9:13-21 S '63. (MIRA 16:10)

1. Moskovskiy energeticheskiy institut.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEKENE, K.S., insh.; MASEKAS, S.Yu., insh.

Concerning the automation of laboratory studies of fluorescent lamps. Svetotekhnika 9 no.6:23-28 Je '63. (MIRA 16:6)

1. Kaunasskiy politekhnicheskiy institut i Moskovskiy energeticheskiy institut.
(Fluorescent lamps)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEKHIN, V.

Contracts for services. Mest.prom. i khud.promys. 4 no.3:11 Mr '63. (MIRA 16:4)

1. Direktor fabriki "Nadomnik", Ufa.
(Service industries)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKO, I. D., Eng.

Construction Industry

Conference of building organizations of the Main Administration of Ferrous Metallurgy Construction for the Dnieper area of the Ministry for the Establishment of Heavy Industry Enterprises. Biul. stroi. tekh, 9, No. 13, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952 UNCLASSIFIED

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKO, I.D., inzhener; MALAKHOV, M.A., inzhener.

Transportation of wall building materials without containers. Sbor.mat. o nov. tekh. v stroi. 15 no.6:1-6 '53. (MLRA 6:5)
(Building materials--Transportation)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

AID P - 364

Subject : USSR/Engineering

Card : 1/1

Authors : Masenko, I. D. and Bondar', P. B., Engineers

Title : Package transportation of material for wall construction

Periodical : Sbor. mat. o nov. tekh. v stroi., 5, 10-13, 1954

Abstract : An improved method has been devised by the Building Trust in Krivoy Rog to transport building material for wall construction (bricks, slake blocks, etc.) by means of a special automatic pendulum grip of the grab-bucket type suspended from a hook of a crane. This grip gets hold of a platform on which 150-200 bricks or 24-30 slag blocks are piled and are deposited on trucks by a crane. Similar procedure takes place in unloading. 2 photos and 2 graphs show the details.

Institution : None

Submitted : No date

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

BERDICHEVSKIY, G.I., kand.tekhn.nauk; DMITRIYEV, S.A., kand.tekhn.nauk; MIKHAYLOV, K.V., kand.tekhn.nauk; GVOZDEV, A.A., prof., doktor tekhn.nauk; MIKHAYLOV, V.V., prof., doktor tekhn.nauk; BULGAKOV, V.S., kand.tekhn.nauk; VASIL'YEV, A.P., kand.tekhn.nauk; YEVGEN'YEV, I.Ye., kand.tekhn.nauk; MULIN, N.M., kand.tekhn.nauk; SVETOV, A.A., kand.tekhn.nauk; FRENKEL', I.M., kand.tekhn.nauk; BELOBROV, I.K., inzh.; MATKOV, N.G., inzh.; MITNIK, G.S., inzh.; SKLYAR, B.L., inzh.; SHILOV, Ye.V., inzh.; MASENKO, I.D., inzh.; NIZHNICHENKO, I.P., inzh.; FILIPPOVA, G.P., inzh.; MIZERNYUK, B.N., kand.tekhn.nauk; SHEYNFEL'D, N.M., kand.tekhn.nauk; BALAT'YEV, P.K., kand.tekhn.nauk; BARBARASH, I.P., kand.tekhn.nauk; MITGARTS, L.B., kand.tekhn.nauk; SHIFRIN, M.A., kand.tekhn.nauk; PETROVA, V.V., red.izd-va; TEMKINA, Ye.L., tekhn.red.

[Temporary instruction on the technology of making prestressed reinforced concrete construction elements] Vremennaia instruktsiia po tekhnologii izgotovleniia predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 255 p. (MIRA 12:12)

(Continued on next card)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

BERDICHEVSKIY, G.I.---(continued) Card 2.

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. 2. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR (for Gvozdev, V.V.Mikhaylov, Berdichevskiy, Bulgakov, Vasil'yev, Dmitriyev, Yevgen'yev, K.V.Mikhaylov, Mulin, Svetov, Frenkel', Belobrov, Matkov, Mitnik, Sklyar, Shilov). 3. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhpomoshchi Akademii stroitel'stva i arkhitektury SSSR (for Masenko, Nizhnichenko, Filippova, Mizernyuk, Sheynfel'd). 4. Nauchno-issledovatel'skiy institut Glavmospromstroymaterialov (for Balat'yev, Barbarash). 5. Nauchno-issledovatel'skiy institut po stroitel'stvu Minstroya RSFSR (for Mitgarts, Shifrin). 6. Deystvitel'nyye chleny Akademii stroitel'stva i arkhitektury SSSR (for Gvozdev, V.V.Mikhaylov).

(Prestressed concrete)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKO, I.D., inzh.

Increase the operational efficiency of concreting combines.
Bet.i zhel.-bet. no.6:254-257 Je '60. (MIRA 13:7)
(Concrete slabs)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKO, I.D., inzh.; SYROMYATNIKOV, S.S., inzh.

Sliding vibropressing of concrete mixes. Mekh. stroi. 17 no. 6:21-22 Je '60. (MIRA 13:6)
(Vibrated concrete)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKO, I.D.; BROKMILLER, M.B.

Technical and economic evaluation of bearing prestressed reinforced concrete roof elements of one-story industrial buildings. Prom. stroi. 38 no. 12:17-23 '60. (MIRA 13:12)

1. Nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii stroitel'stva Akademii stroitel'stva i arkhitektury SSSR.
(Industrial buildings) (Roofing, Concrete)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKO, I.D., inzh.; KOPELEVICH, L.Kh., inzh.; FINKINSHTEYN, B.A., inzh. red.

[Stands for manufacturing large prestressed concrete structural elements] Stendy dlia izgotovleniia krupnorazmernykh predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii. Moskva, Gosstroiizdat, 1961. 64 p. (MIRA 16:8)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Glavnyy spetsialist laboratorii vnedreniya peredovoy tekhnologii i mekhanizatsii izgotovleniya predvaritel'no napryazhennykh zhelezobetonnykh konstruktsii Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i arkhitektury SSSR (for Kopelevich).

(Prestressed concrete construction)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

KOPELEVICH, L.Kh., inzh.; BLEKHMAN, I.Ye., inzh.; MASENKO, I.D., inzh.; OVCHAROV, V.I., kand. tekhn. nauk; DEKHTYAR, D.E., kand. tekhn. nauk; VAKUSOV, V.G., inzh.; FINKINSHTEYN, V.A., inzh., red.

[Technology of manufacturing large prestressed concrete elements for industrial construction] Tekhnologiia izgotovleniia krupnorazmernykh predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii dlia promyshlennogo stroitel'stva. Moskva, Gosstroiizdat, 1963. 99 p. (MIRA 17:7)

1. Moscow. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

DROZDOV, Ya.S., inzhener; MASHENKO, P.D., inzhener.

Experience in producing refractory linings for blast furnaces. Stroit.prom. 34 no.3:5-11 Mr '56. (MIRA 9:6)
(Blast furnaces) (Refractory materials)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKO, Yu.D.

E.P.Medvedeva, loom operator of the Monino Woolen and Worsted Combine Tekst.prom. 21 no.1:61-63 Ja '61. (MIRA 14:1)

1. Starshiy inzh. po tkatskomu proizvodstvu tekhnicheskogo otdela Moninskogo kamvol'nogo kombinata.
(Monino--Textile workers)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKO, Yu.D., starshiy inzh.

On the road of technological progress. Tekst.prom. 22 no.2:1-3 F '62. (MIRA 15:3)

1. Tekhnicheskiy otdel Moninskogo kamvol'nogo kombinata.
(Textile industry)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKO, Yu.M.

New aspects in the evaluation of regular repair and maintenance of highways. Avt. dor. 25 no.2:21-22 F '62. (MIRA 15:2)
(Roads--Maintenance and repair)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKOV, D.

Takin care of crop safety. Posh.delo 3 no.3:6 Mr '57. (MLRA 10:4)

(Kuban--Fire prevention)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASLNIKOV, D.

How we received the award. Posh. delo 6 no. 11:9 N '60. (MIRA 13:12)

1. Rayonnyy pozharnyy inspektor, g.Kropotkin, Krasnodarskiy kray. (Kavkazskiy District--Fire and fire prevention)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

KAL'M A. (Novgorod); FARBEROV, S. (Novgorod); ZHDANOV, A. (Moskva); MASENKOV, D., pozharnyy inspektor (g. Kropotkin); IVANTSOV, S. (Ufa)

Readers' letters. Pozh.delo 7 no.3:32 Mr '61. (MIRA 14:5)
(Fire prevention)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKOV, N.

Helping each other. Sovshakht. 10 no.11:7-8 N '61.
(MIRA 14:11)

1. Predsedatel' uchastkovogo komiteta profsoyuza, uchastok No.20, shakhta No.5-6 tresta Prokop'yevskugol'.
(Kuznetsk Basin--Coal miners)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKOVA, O.G.

USSR. Electrocardiogram in patients during exercise in various diseases. O. G. Masenkova. Sovet. Nauch. Rabot. Minsk. med. Instituta, 1956, 18, 78-81. Zh. Biol., 1956, Abstr. No. 67306. — In healthy individuals the ECG did not change after physical exercise (changing from lying to sitting without using the hands). In hypertensive patients after exercise, a marked fall in the T-1 was observed, a considerable increase in T-V and a displacement of the S-T interval below the base line. In patients with gastric ulcer and cholecystitis after exercise, in some cases there was a sharp increase in T-V, associated with reflex action on the coronary circulation. (Russian) H. Ashke

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKOVA, O.G., kand. med. nauk

Use of a novocaine block in the treatment of cholecystitis. Zdrav. Bel. 5 no.5:50-52 My '59. (MIRA 12:8)

1. Kafedra fakul'tetskoy terapii (zaveduyushchiy - akademik AN BSSR B.I. Trusevich) Minskogo meditsinskogo instituta.
(GALL BLADDER--DISEASES) (LOCAL ANESTHESIA)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MOLAMED, Kh.I., kand.med.nauk; MASHENKOVA, O.G., kand.med.nauk

Clinical course of myocardial infarct. Zdrav.Belor. 5 no.8: 10-11 Ag '59. (MIRA 12:10)

1. Iz fakul'tetskoy terapevticheskoy kliniki Minskogo meditsinskogo instituta (zaveduyushchiy kafedroy - akademik AN BSSR B.I.Trusevich).

(HEART--INFARCTION)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

CHEREDOVA, V.S., dotsent; MASENKOVA, O.G., kand.meditsinskikh nauk

Influence of nasoreflex ion therapy in peptic ulcer on cardiovascular system function. Zdrav. Belor. 6 no.9:56-58 S '60. (MIRA 13:9)

1. Kafedra fakul'tetskoy terapii (zaveduyushchiy - zasluzhennyy deyatel' nauki BSSR, akademik AN BSSR B.I. Trusevich) Minskogo meditsinskogo instituta.

(ATROPINE) (ELECTROTHERAPEUTICS)
(PEPTIC ULCER) (CARDIOVASCULAR SYSTEM)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENKOVA, O.G. [Masiankova, O.H.]

Effect of some organic solvents on the central nervous system of animals in vitro. Vestsi AN BSSR.Ser.biial.nav. no.2:83-91 '62. (MIRA 15:9)

(NERVOUS SYSTEM) (CHEMICALS—PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENOV, T.

"The Biomorphology of the Lungs of Terrestrial Vertebrates." Cand Biol Sci, Kazakh U and Alma-Ata Zootechnical and Veterinary Inst, Alma-Ata, 1954. (RZhBiol, No [illegible], Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

M[illegible]N N. S.

Comparative morphology of the lungs in mammals as related to their [illegible] ecology. Trudy Inst. Ekol. [illegible] N Kazakh [illegible]

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENOV, T.M.

Morphological dynamics of the air-conducting structures of the lungs. Uch.zap.Kazakh. un. 41:68-73'61. (MIRA 16:6)
(LUNGS)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASENOV, T.M.

Comparative morphology of lungs in swine as related to their specific and strain characteristics. Trudy Inst. eksp. biol. AN Kazakh. SSR 21:57-85 '65. (MIRA 18:10)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASER, L. Yu. Cand Med Sci-- (diss) "Comparative data on the clinical course of tuberculous meningitis, and the dynamics of certain indicators of the reactivity of the organism (in adults)." Tartu, 1959. 28 pp with graphs (Tartu State Univ), 250 copies (KL, 46-59, 140)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASERAK, M.

Locomotive lights.

P. 274 (Przeglad Kolejowy Mechaniczny. Vol. 8, no. 9, Sept. 1956, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASERAK, Maksymilian

Defective service of combined brakes as a cause of accidents.
Przegl kolej mechan 13 no.10:307-309 O '61.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASERAK, Maksymilian

Operation of trains by means of air brakes. Przegl kolej mechan 14 no.1:14-18 Ja '62.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MAZURI , I. I.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASLTIN, I. I.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MAS[illegible], I. F.

[illegible]

SO: U-[illegible], [illegible]

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

LAZETKIN, [illegible]

Senior diagnosis

Remarkable Russian serologists, [illegible] Acad. of Medical Sciences, [illegible] Med. [illegible], [illegible].

Monthly List of Russian Accessions, Library of Congress June 1953. UNCL.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASETKIN, I.P.

Modification of the Bordet-Wassermann reaction with erythrocytes of dogs. Vest.ven.i derm. no.2:46-47 Mr-Ap '54. (MLRA 7:4)

1. Iz Gor'kovskogo nauchno-issledovatel'skogo instituta venerologii i dermatologii (direktor - professor M.P.Batunin).
(Syphilis--Diagnosis) (Serum diagnosis)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

1946-1959

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MAGEVICH, A.G.

3

The structure of the giant stars. A. B. Severnyi and A. G. Magevich (Astronom. Sternberg-Inst., Moscow). Astron. Zhur. 23, 221-4(1946); Chem. Zentr. 1947, I, 268. Previously, the source of energy and the structure of the giant stars have been explained on the basis of nuclear reactions. On the basis of calcns. of the temp. and life of these stars, it is shown that such an explanation will not withstand crit. examn. and that the problem of the source of the energy of the giant stars is by no means to be regarded as solved. M. G. Moore

METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

PA 38/49T104

USSR/Physics
Astronomy
Stellar Energy

Aug 48

"What Makes the Stars Luminous (the Stars' Structure and Energy Sources)," A. G. Masevich, Cand Physico-math Sci, 6 pp

"Nauka i Zhizn'" No 8

Discusses previous hypotheses on the stars' source of energy, surface temperature (includes Hertzschprung-Russel diagram), and chemical composition. Gives short introduction to atomic theory. States that transformation of hydrogen [redacted]

38/49T104

USSR/Physics (Contd)

Aug 48

into helium, with the help of carbon nuclei, is source of the stars' energy, and that formation of deuterium may also serve as source.

MASEVICH, A. G.

[redacted]

38/49T104

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

May/Jun 1948

USSR/Physics
Astronomy
Stars

"Model of a Star With a Convective Nucleus for Red Giants," A. G. Masevich, State Astron Inst imeni P. K. Shternberg, 4 pp

"Astron Zhur" Vol XXV, No 3

Examines model with convective nucleus for three supergiant stars of M spectrum class. Shows that for case "Nucleus-Envelope" 1 it is impossible to construct model without special feature in center. A physically intelligible model is obtained only when

[illegible]

[illegible]

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

1ST AND 2ND CODES

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH CODES

A52

523.877

[illegible] The internal constitution of an early-type glass. Magnesium, A. O. Aprem. J., USSR, 28, 216 (1940) in Russian, English summary in Aprem, Nauc Lomor (Harvard) (No. 41).—The internal constitution of the P-component of VV Cephei is examined using two models with mean molecular weights = 1 and 0.76 respectively, and it is found that in neither case is the star completely in radiative equilibrium. The results are compared to other early-type giants, the author concluding that such stars have a structure similar to that of the main sequence. M. W. G.

ASB SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

"The Source of Energy in the Sun and Stars", Scientific-Popular Series, Press of Academy of Sciences USSR, Moscow/Leningrad, 92 pp, 1949.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

BASEVICH, A. G.

2[illegible] Zvezdnye evolyutsii, s [illegible] normal'nym kontsentrirovannym [illegible] [illegible], [illegible] zrelym [illegible] [illegible] zvezd. Astron. [illegible], [illegible], vyp. [illegible], s. [illegible] --- Bibliogr. [illegible]

S: [illegible] [illegible], [illegible]

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

USSR/Astronomy - Sun, Evolution of Radiation, Corpuscular Nov/Dec 4.

"Evolution of the Sun, Accompanied by Corpuscular Radiation," by A. G. Masevich, State Astr. Inst., im. Shternberg, 12 pp.

Iz. Ak. Nauk SSSR, Ser. Fiz., Vol. 13, No. 6, 1949.

According to Fesenkov's new theory, the sun in the past had great mass and luminosity and considerable moment of rotation. This is based on contemporary theory of internal stellar structure concerning a gaseous star in equilibrium with a nuclear energy source. Energy is transferred by radiation in most of the star.

154T3

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

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[redacted]

1ST AND 2ND ORDERS — PROCESSES AND PROPERTIES INDEX — 3RD AND 4TH ORDERS

A52

A

5488. Stellar evolution conditioned by corpuscular radiation, considered from the point of view of the internal conditions of the stars. A. G. Masevich. *Astr. Ž., USSR*, 26 (No. 4) 397 (1949) *In Russian*. English Abstr. in *Astr. News Lett.* [Harvard] (No. 47) (1950).

The influence of the relative abundances $X_{C,N}$ of C and N in discussed, and it is concluded that the luminosity L is approx. unchanged over a considerable range of values of $X_{C,N}$. From a knowledge of L, mass M and radius R, it is then possible to determine the present values of X_H and X_{He} and to compute their values at former times. With energy production by the carbon cycle, it is assumed that the empirical M–L relation is satisfied throughout evolution, M diminishing with time by some sort of corpuscular radiation. Calculations made for the Schwarzschild and Harrison–Zeldovich models [Abstr. 1488 (1947) and 5218 (1949)], with $X_H + X_{He}$ independent of time and assuming $L \sim M^{10/3}$, show that $M \sim M_{max}$ (when $X_{He} = 0$) ~ 5 and 8 respectively (M in solar units). From the variations of M and L with time it is concluded that Pannekoek's relation $dM/dt =$ const. L [Abstr. 6695 (1949)] is approx. satisfied. A

model with pulsation factor $\tau = 1$ gives $M_{max} = 15$, while a progressive change in $X_H + X_{He}$ from 0·68 to 0·56 gives $M_{max} = 3$. It is suggested that the sun may have started as an A or late B star with $M < 5$, evolution being at first rapid, but with no appreciable change in M, L and R during the last 3×10^9 years. It is assumed that rotation effects have not been considered. D. A. Vasseur

62

ASTIA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

23909 MASEVICH, A. G. Zvezdnyye Posledovatel'nosti V Svete Sovremennykh Vzglyadov Na Stroyeniye I Istochniki Energii Zvezd. Sbornik. Sb. Astron. IM-TA IM. Shternberga, No. 3, 1948, s. 31-[illegible] - [illegible] str. [illegible]

SO: Letopis, No. 32, 1949.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

"The Source of Energy in the Sun and Stars," Scientific-Popular Series, [illegible] Academy of Sciences USSR, Moscow, Leningrad, [illegible], [illegible] pages, [illegible] copies, 2.25 rubles.

W-17490, 22 Mar 51

"Model of the Stars of the Main Sequence with Absorption Law," with V. G. Fesenkov acknowledged, and a reference to P. P. Parenago. From Astron. Zhur. Vol. 28, No. [illegible], pp 432-442.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

[illegible], [illegible].

Stars

Evolution of main sequence star. [illegible]

Monthly List of Russian Accessions, Library of Congress, November 1[illegible].

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G.

USSR/Astronomy - Cosmogony Aug 50

"The Structure and Evolution of Stars," A. G. Masevich

"Priroda" No 8, pp 9-15

Popular article on Soviet astronomer P. P. Parenago's temp-brightness diagram (main-sequence scattergram), the carbon cycle, chem compn of stars, V. G. Fesenkov's hypothesis, cosmogony, etc.

219T52

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

May/Jun 50

USSR/Astronomy-Stars

"Investigation of the Dependence: Mass-Brightness-Radius, Part 1," P.P. Parenago, A. G. Masevich, State Astr, Inst imieni Shternberg, 13 pp

"Astron Zhur" Vol XXVII, No 3

Derives various formulas relating M,L,R from empirical data for main sequence, dwarfs, giants, sub-dwarfs, subgiants, and supergiants. (Determines relation $L \sim 10^{x} M^{y} R^{z}$, or its logerithmic expansion, for its x, y, z, corresponding to star type.) Submitted Sep 49.

PA 161T1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

USSR/Astronomy - Stars Jul/Aug 50
Main Sequence

"Investigating the Dependence: Star Mass-Lightness-Radius, Part II, The Theoretical Interpretation of Empirical Dependencies," A. G. Masevich, P. P. Parenago, State Astr Inst imeni P. K. Shternberg

"Astron Zhur" Vol XXVII, No 4, pp 202-210

Empirical relations between M, L, R, obtained previously ("Astron Zhur" Vol XXVII, No 3, 1950), are interpreted theoretically on basis of present-day theory of internal structure of stars.

[redacted] 16472

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

USSR/Astronomy - Clusters, Star 11 Nov 50

178T1

"Problem of the Evolution of Stars in Scattered Clusters," A. G. Masevich, State Astr Inst imeni Shternberg

"Dok Ak Nauk SSSR" Vol LXXV, No 2, pp 173-176

Discusses Russell diagram (scattergram) of M_v vs stellar type (O, B, A, F, G, K, dM0, dM5, dM8) for various Z (0.01, 0.05, 0.12, 0.14, 0.40, 0.60), namely, evolutional curves, e.g., that of the sun corresponds to Z = 0.12. Also studies M_v vs type (B, A, F, GK, M) for the cluster Coma Berenices (Z = 0.14), and similarly the cluster h Persei

[redacted] 178T1

USSR/Astronomy - Clusters, Star 11 Nov 50
(Contd)

(Z = 0.14, 0.40, 0.60). Sequences of stars are obtained from Fesenkov's theory of int structure of stars, involving quantities X, Y, Z, i.e., hydrogen, helium, heavy elements. Submitted 12 Sep 50 by Acad V. G. Fesenkov.

[redacted] 178T1

MASEVICH, A. G.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASSEVICH, A. G.

Masseevich, A.G.

Sources of energy of the sun and stars (91 pp.)

Academy of Sciences of the USSR, (Scientific - Popular series)

Bull. of the R. Trans. Service, Vol. 2, July 1951, p.1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

PARENAGO, P.P.; MASEVICH, A.G.

Investigating the mass-radius-luminosity relationship. rt 1: Determining the empirical mass-radius-luminosity relationship. Trudy GAISH 20:81-129 '51. (MLRA 6:12)
(Astrophysics)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G.; PARENAGO, P.P.

Investigating the mass-radius-luminosity relationship. Part 2: Theoretical interpretation of empirical relationships. Trudy GAISH 20 '51. (MLRA 6:12)

1. Gosudarstvennyy astronomicheskiy institut imeni P.K.Shternberga. (Astrophysics)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

ASEVICH, A., G.,

USSR/Astronomy - Structure, Stellar Jan/Feb 51

"Law of Stellar Mass Loss, Based on Theory of Internal Structure of Stars," A. G. Masevich, State Astr Inst imeni P. K. Shternberg

"Astron Zhur" Vol XXVIII, No 1, pp 36-42

Details study of law of mass loss by corpuscular radiation, investigations of evolutional periods, and boundary values of solar mass for various coeff of mass-luminosity relations.

173T18

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

Pa. 173117

SEVICH, A., G.,

USSR/Astronomy - Evolution, Stellar Jan/Feb 51

"Problem of the Evolution of Main-Sequence Stars," V. S. Sorokin, A. G. Masevich, State Astr Inst imeni P. K. Shternberg, Moscow, Ivanovo Pedagogical Inst

"Astron Zhur" Vol XXVIII, No 1, pp 21-35

Computes models with shells in radiative equil and with convective core. Results are similar to those observed on the sun and sun-type main-sequence stars.

173117

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

USSR/Astronomy - Stellar Clusters Sep/Oct 51

"Dispersed Stellar Clusters and Evolution of Main-Sequence Stars," A. G. Masevich, State Astr Inst imeni Shternberg

"Astron Zhur" Vol XXVIII, No 5, pp 338-353

Dispersed clusters are a valuable link in stellar evolution. Masevich attempts to explain peculiarities of the luminosity-spectrum diagram of dispersed clusters on basis of corpuscular radiation theory by V. G. Fesenkov ("Astron Zhur" Vol XXVI, No 2, 1949) and on observed

192T2

USSR/Astronomy - Stellar Clusters (Contd) Sep/Oct 51

dispersion of main-sequence stars of the Galaxy. For better conclusions more data on proper motion of stars in clusters should be available.

192T2

MASEVICH, A. G.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G. PA 192T1

USSR/Astronomy - Astrophysics Sep/Oct 51

"Problem of the Structure and Chemical Composition of the Big Planets," V. G. Fesenkov, A. G. Masevich

"Astron Zhur" Vol XXVIII, No 5, pp 317-337

Chem compn of the big planets cannot be studied directly and are difficult to establish. Equil of a planet is defined by eq of hydrostatic equil from which authors derive density and compn of planets.

192T1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

USSR/Astronomy - Astrophysics Nov/Dec 51

"Model of Main-Sequence Star With Absorption Law $k = k_0 \rho^{0.875} T^{-3.5}$," A. G. Masevich, V. P. Matveyeva, L. N. Tulenkova, Inst of Astr and Phys, Acad Sci Kazakh SSR, Alma-Ata; State Astr Inst imeni Shternberg, Moscow

"Astron Zhur" Vol XXVIII, No 6, pp 432-442

Discusses in detail model of star with convective core with absorption law $k = k_0 \rho^{0.875} T^{-3.5}$ and its properties. Compares it with formerly obtained computation of k. Application to existing stars indicates that model with convective core

1952

USSR/Astronomy - Astrophysics (Contd) Nov/Dec 51

fits only main-sequence stars, but fails to explain giants or subgiants. Authors thank Acad V. G. Fesenkov for advice. Submitted Nov 50.

1952

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

[illegible], A. G.

USSR/[illegible]

"Problem [illegible] Chemical [illegible] Water [illegible]," I. F. [illegible], A. G. [illegible], [illegible]

"[illegible]" V [illegible], [illegible]

Authors [illegible] ("[illegible]," [illegible]) [illegible] "[illegible]" [illegible], [illegible], [illegible] 40; "[illegible]" Vol [illegible], [illegible]; [illegible] Lesevich, "[illegible]" Vol XXVII, No 2, [illegible]; "[illegible]" [illegible]) [illegible] (ser. [illegible], 2, [illegible] 27). [illegible] special [illegible] in [illegible]. Submitted [illegible].

PA 194T5

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G. (Reviewer)

"Sources of stellar energy and a theory of the internal structure of stars." N.A.Kozyrev. Reviewed by A.G.Masevich. Vop.kosm.1:247-258 '52. (MLRA 7:2)

(Stars) (Kozyrev, N.A.)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G.

[redacted]

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

"Astronomy Series of the Scientific-Popular Library of the State Technical Press," A.G.MASEVICH and V.V.Podobed (Reviewers), Vest Ak Nauk SSSR, No 3, pp 113-125, 1952.

Review of 15 popular works on astronomy published by the State Technical Press. State that Soviet scientific-popular books must expound their scientific ,material at a higher theoretical level with the positions held by dialectical materialism, must clearly show the attainments of Soviet science and its progressive role in the materialistic clarification of natural phenomena, and must expose reactionary thepries. Observe that the State Technical Press gives considerable space to astronomy books in its Scientific-Popular Library.

251T64

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

1. MASEVICH, A. G.
2. USSR (600)
4. SHKLOVSKIY, I. S.
7. Solar corona. I. S. Shklovskiy. Reviewed by A. G. Masevich. Sov. kniga. No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

1. M'ZEVICH, '.S.

2. USSR (600)

4. Stars

7. Present-day ideas on the nature and development of the stars. Fiz v shkole. 12. no. 6. 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

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MASEVICH, A. G.: PODOBED, V. V.

Astronomy

Astronomy series of the "Popular Science Library" of the Technical State Publishing House. Vest. AN SSSR, 22, No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1952 Uncl.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

PA 234T56

USSR/Astronomy - Absorption Coefficient Sep/Oct 52

"Problem of Reality of Stellar Model With Constant Coefficients of Absorption," A. G. Masevich, O. D. Dokuchayeva, State Astr Inst imeni Shternberg

"Astron Zhur" Vol 29, No 5, pp 526-531

Analyzes mass-luminosity-radius relations by various scientists. Concludes that a model of a purely scattering star does not correspond to reality even in the case of highest tolerances in chem compn. Absorption by electrons in stars of hydrogen and helium will always play an important role, making the discussed model unreal. A model with const absorption coeff may be considered only as a theoretical limiting case.

234T56

MASEVICH, A. G.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

USSR/Astronomy - Major Planets Oct 52

"Structure of the Major Planets," A. G. Masevich, Cand Phys-Math Sci; State Astron Inst imeni Shternberg

Priroda Vol 41, No 10, pp 92-94

Discusses the problem of structure and chemical composition of the planets Jupiter, Saturn, Uranus, which possess great significance for the cosmogony of the solar system since more than 92% of its planetary mass resides in Jupiter and Saturn. Therefore the chemical composition of these two planets must characterize to a considerable extent

249T93

the composition and physical nature of the medium from which the planetary system was formed. Cites allied works of I. S. Shklovskiy, N. A. Kozyrev, V. G. Fesenkov, etc. States that the main constituent of the major planets is hydrogen.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

BAKULIN, P.I., redaktor; DUBROVSKIY, K.K.; MASEVICH, A.G.; PARENAGO, P.P.; POPOV, P.I.

[Astronomical calendar. Yearbook. Section on variables. 1954] Astronomicheskii kalendar'. Ezhegodnik. Peremennaia chast'. 1954. Red. kollegiia: P.I.Bakulin, K.K.Dubrovskii, A.G.Masevich, P.P.Parenago, P.I.Popov. Moskva, Gos. izd-vo tekhniko-teoreticheskoi lit-ry, 1953. 207 p. (MLRA 7:7)

(Astronomy—Yearbooks)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

LAVRENT'YEV, M.A., akademik, redaktor; AMBARTSUMYAN, V.A., akademik; KUKARKIN, B.V., dektor fiziko-matematicheskikh nauk; PARENAGO, P.P., chlen-korrespondent AN SSSR; LEVIN, B.Yu., kandidat fiziko-matematicheskikh nauk; MASEVICH, A.G., kandidat fiziko-matematicheskikh nauk, redaktor.

[Transactions of the 2nd conference on problems of cosmogony, 19-22 May 1952] Soveshchanie po voprosam kosmogonii. Trudy. Red. koll. M.A. Lavrent'ev i dr. Moskva, 1953. 582 p. (MLRA 7:5)
(Cosmogony) (Stars)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

Barabashev, N. P.

Fight against idealism in the fields of cosmogonical and cosmological hypotheses. N. P. Barabashev. Reviewed by A. G. Masevich. Sov. Kniga No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G., kandidat fiziko-matematicheskikh nauk.

The origin of stars. Nauka i zhizn' 20 no.5:17-18 My '53. (MLRA 6:6)
(Cosmogony)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G.

Structure and energy sources of giant stars of the late spectral classes. Trudy GAISH 22:21-65 '53. (MLRA 7:5)
(Stars)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G. (Miss) Sep/Oct 53

USSR/Astronomy - Stars, Evolution of

"The Evolution of a Main-Sequence Star with Various Chemical Composition of the Shell and Convective Core," (Miss) A. G. Masevich, State Astron Inst im Shternberg

Astron Zhur, Vol 30, No 5, pp 508-516

Discusses the possible course in the continuous evolution of a star of model structure with convective core and specific absorption law. Applies calcn to evolution for the two cases of const mass and decreasing mass due to radiation losses. Finds similarity of behavior of stellar evolutions for const mass. Evolution for variable mass enables theoretical interpretation of subgiants. Recd 20 May 53.

Source #264T70

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G.

[On the evolution of stars] Ob evoliutsii zvezd. Moskva, Izd-vo Akademii nauk SSSR, 1954. 28 p. (MLRA 8:11)
(Stars)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

KUKARKIN, B.V., doktor fiziko-matematicheskikh nauk, redaktor; PARIYSKIY, N.N., kandidat fiziko-matematicheskikh nauk, redaktor; BARANOV, V.I., doktor fiziko-matematicheskikh nauk, redaktor; BELOUSOV, V.V., redaktor; LEVIN, B.Yu., kandidat fiziko-matematicheskikh nauk, redaktor. MASEVICH, A.G., kandidat fiziko-matematicheskikh nauk, redaktor; [redacted], V.S., kandidat fiziko-matematicheskikh nauk, redaktor.

[Problems in cosmogony] Voprosy kosmogonii. Moskva, Izd-vo Akademii nauk SSSR. Vol 2. 1954. 363 p. (MLRA 7:8)

1. Chlen-korrespondent AN SSSR (for Belousov) 2. Akademiya nauk SSSR.
(Cosmogony)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G.

Creation of a committee on cosmogony in the Department of Physical and Mathematical Sciencies of the Academy of Sciences of the U.S.S.R. Vop.kosm. 2:337-338 '54. (MIRA 8:5)

1. Uchenyy sekretar' Komissii po kosmogonii pri Otdelenii fiziko-matematicheskikh nauk AN SSSR.
(Academy of Sciences of the U.S.S.R.)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASHVICH, A.G.

Symposium on problems in stellar evolution at the Eighth Congress of the International Astronomical Union in 1952. Vop.kosm. 2:339-357 '54. (MLRA 8:5)
(Stars)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G.

PARENAGO, P.P.; MASEVICH, A.G.; SHAROV, A.S.

"Study of the mass-luminosity-radius relationship." Parts 1 and 2. Abstract by A.S.Sharov. Vop.kosm. 3:311-313 '54. (MLRA 8:3)
(Stars)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G.

USSR/Astronomy - Star Composition

Card 1/1 : Pub. 86 - 4/46

Author : Masevich, A. G.

Title : Modern representation of the structure of stars

Periodical : Priroda, 43/9, 34-41, Sep 1954

Abstract : The relative positions of the stars is given with reference to their size and brightness and arrangement in various series. An analysis is made of the progress of light from the interior of a star through its opaque material and the effect that the interaction between the light and the material may have. The determination of the heat of the interior of star is referred to purely mathematical calculation on account of the impossibility of direct observation, and the chemical and nuclear processes involved in the production of the enormous energy radiated are elucidated. Graphs.

Institution : .....

Submitted : .....

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

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MASKVICH, Alla Genrikhovna; AVDINOV, G., redaktor; STEPANOVA, A., redaktor; GOLUBKOVA, G., tekhnicheskiy redaktor

[History of the sun] Istoriia solntsa. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia", 1955. 179 p. (MLRA 8:10)
(Sun)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

AMBARTSUMYAN, V.A., akademik, redaktor; GINZBURG, V.L., redaktor; LEYKIN, G.A., kandidat fiziko-matematicheskikh nauk, redaktor; MASSEVICH, A.G., kandidat fiziko-matematicheskikh nauk, redaktor; TERLETSKIY, Ya.P., doktor fiziko-matematicheskikh nauk, redaktor; SHKLOVSKIY, I.S., doktor fiziko-matematicheskikh nauk, redaktor; FRADKIN, M.I., redaktor; ALEKSEYEVA, T.V., tekhnicheskiy redaktor.

[Transactions of the Third Conference on Problems of Cosmogony, May 14-15, 1953. Origin of cosmic rays] Trudy...soveshchaniia...14-15 maia 1953 g.; proiskhozhdenie kosmicheskikh luchei. Moskva, Izd-vo Akademii nauk SSSR, 1954. 319 p. (MIRA 8:4)

1. Chlen-korrespondent AN SSSR (for Ginzburg).
(Cosmic rays)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

BAKULIN, P.I., redaktor; DUBROVSKIY, K.K., redaktor; MASEVICH, A.G., redaktor; PARENAGO, P.P., redaktor; RAKHLIN, I.Ye., redaktor; AKHLAMOV, S.N., tekhnicheskiy redaktor.

[Astronomical yearbook. Annual. Section on variables for 1956] Astronomicheskii Kalendar'. Ezhegodnik. Peremannaia chast' 1956. Red.kol: P.I. Bakulin, K.K.Dubrovskii i dr. Moskva, Gos.izd-vo tekhniko-teoret.lit-ry, 1955. 247 p. (Vsesoiuznoe astronomo-geodezicheskoe obshchestvo, no.59) (MLRA 9:1)
(Astronomy--Yearbooks)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

AMBARTSUMYAN, V.A., akademik, redaktor; MUSTEL', E.R., redaktor; PARENAGO P.P., redaktor; KUKARKIN, B.V., doktor fiziko-matematicheskikh nauk; MARTYNOV, D.Ya., doktor fiziko-matematicheskikh nauk, redaktor; MASEVICH, A.G. kandidat fiziko-matematicheskikh nauk, redaktor; LEVKIN, G.A. kandidat fiziko-matematicheskikh nauk, redaktor; YEFREMOV, Yu.I., redaktor; POLYAKOVA, T.V., tekhnicheskiy redaktor.

[Transactions of the Fourth Conference on Problems of Cosmogony; non-stationary stars] Trudy chetvertogo soveshchaniia po voprosam kosmogonii; nestatsionnarnye svezdy. Moskva, Izd-vo Akademii nauk SSSR, 1955. 512 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR (for Mustel' and Parenago)
2. Soveshchaniye po voprosam kosmogonii. 4th Moscow, 1954. (Stars)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G.; MATVEYEVA, V.P.; TULENKOVA, L.N.

Calculations for a star model with center convection for different laws of absorption and its adaptation to main sequence stars. Izv. Astrofis.Inst. AN Kazakh.SSR 1 no. 1/2:143-171 '55. (MLRA 9:10)

(Stars--Constitution)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A.G., kandidat fiziko-matematicheskikh nauk

In the world of stars. Nauka i zhizn' 22 no.8:45-48 Ag'55. (MLRA 8:10)
(Stars)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001032710012-4

MASEVICH, A. G.

USSR / Astronomy - Instruments

Card 1/1 Pub. 139 - 20/25

Author : Masevich, A. G., Corr. of Physmath. Sc.

Title : Symposium of Astronomers in Dublin

Periodical : Vest. AN SSSR 25/12, 60-64, Dec 1955

Abstract : Notes are presented by a member of the Soviet delegation to the International Congress of Astronomers held in September 1955, in Dublin, Ireland.

Institution : .....

Submitted : .....

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MASEVICH, A.G.

Evolution of hot stars in the Pleiades. Astron.zhur.32 no.5: 412-415 S-O '55. (MLRA 9:1)

1.Gosudarstvennyy astronomicheskiy institut imeni P.K.Shternberga.
(Pleiades) (Stars)

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